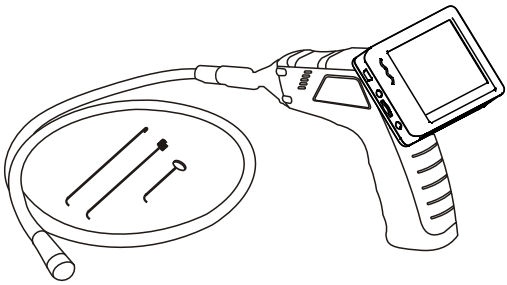
WHISTLER
Technology for the Way You Live

User Manual

Wireless Inspection Camera with Recording Color LCD Monitor

Model No.: WIC-3509P



The Whistler Group Corporate Headquarters
3604 NW Frontage Rd. • Bentonville, AR 72712
Tel 479.273.6012 • Fax 479.273.2927

Customer Return Center
551 N. 13th St. • Rogers, AR 72756
Customer Service Tel 800.531.0004

www.whistlergroup.com
Version No.: 1.0

Please read this User Manual carefully before using the product!

CONTENTS

Welcome 1
Packing List 2
Component/Controls 3
Installation 4
Operation 7
- Basic Operation 7
- Other Operations & Settings For Monitor 8
  - Record Video 8
  - Take Photo 9
  - Play Video/Feature 10
  - Delete Video/Feature 11
  - Delete Folder 12
  - Language Setting 13
  - Video System Setting 13
  - Format 14
  - Default Setup 14
  - View Version Information 15
  - Frame Rate Setting 15
  - Time Stamp Setting 15
  - Recording Type 16
  - Date/Time Setting 17
  - Event Playback 17

Specifications 18
Caution 19
Warranty 20
Accessories 21
FCC Information ..... Back Cover

WELCOME

Thank you for choosing our wireless inspection camera. Please read the user manual carefully before using this product. This product is designed as a remote inspection device. It can be used to look into tight spots and wirelessly transmit real-time video to the monitor. Typical applications include HVAC, automotive inspection, cable routing, etc.

If you have questions concerning the operation of this Whistler product, please call:

Customer Service
1-800-531-0004
Monday - Friday • 8:00 am - 5:00 pm CT
or visit our website:
www.whistlergroup.com

Please keep the receipt in a safe place. You may register your product online at www.whistlergroup.com. For warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work. If the unit is returned without a dated store receipt, an out of warranty service charge applies. Note: Your warranty period begins at the time of purchase. The warranty is validated only by dated store receipt! Please record the serial numbers (located on the back of the monitor and inside the grip's battery compartment door) in the space provided in the warranty section of the manual.

Enjoy your Whistler Inspection Camera.

Sincerely,

The Whistler Group, Inc.

PACKING LIST

Handheld Grip

9mm Camera with 3 ft. tube

3.5 in. LCD Monitor

Mirror Accessory Clip

Magnet Accessory Clip

Hook Accessory Clip

Accessory Collar

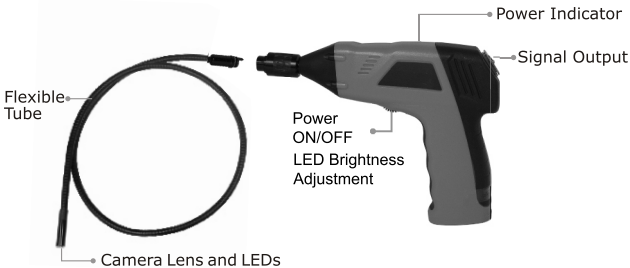
Adapter Cable

Power Adapter

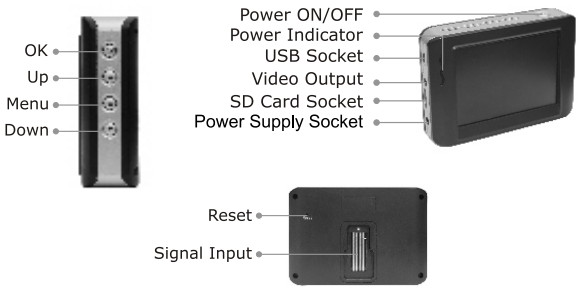
Magnetic Swivel Mount

COMPONENTS / CONTROLS

Camera



Monitor

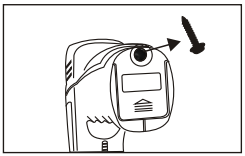


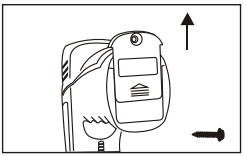
INSTALLATION

Install the batteries, camera tube, and micro SD card (optional) before using product.

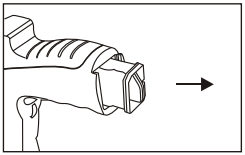
Install Batteries

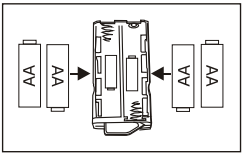
1. Using a screwdriver, remove screw and cover.





2. Remove battery compartment and insert four new AA batteries into the proper slots in the battery compartment. Proper battery orientation is indicated on the battery compartment.



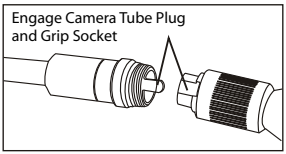


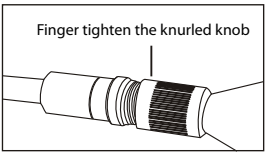
3. Reinstall battery compartment, cover, and screw.

NOTE! Dry your hands before installation or replacing batteries.

Install the Camera with Flexible Tube

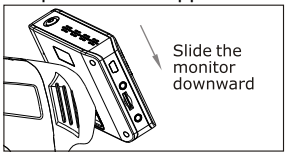
When connecting the camera tube to the handheld unit, make sure the keyed ends are properly aligned. Once they are lined up, finger tighten the knob to hold the connector in place.

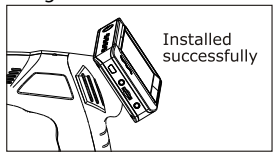




Install Monitor for Wired Use

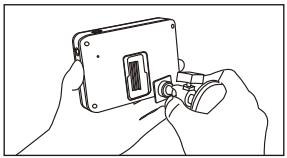
The product also supports wired use by connecting the monitor to the camera.

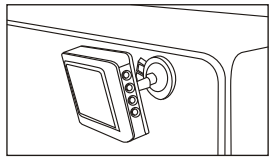




Install the Magnetic Swivel Mount

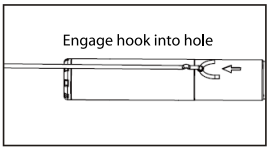
The magnetic swivel mount can be used to secure the monitor to a metal object Install the bracket as shown below.

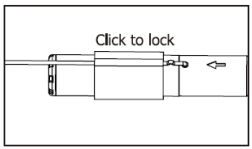


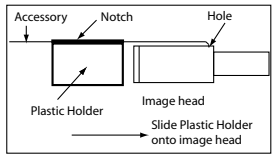


To Install Accessory

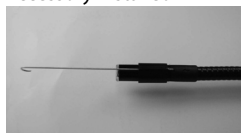
The three included accessories (mirror, hook, and magnet) all attach to the camera (image head) in the same manner. Slide the accessory through the plastic holder, aligning it with the notch in holder. Engage the "hook" on the accessory end with hole in the camera head. Slide the plastic holder onto the camera head until it clicks to lock.





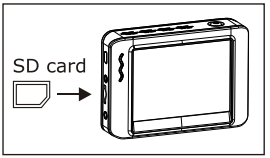


Accessory Installed



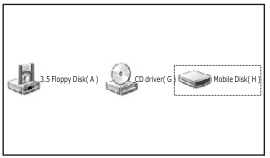
Insert SD Card (Optional)

After the SD Card is inserted properly, the monitor will indicate " " icon; otherwise " " icon will appear.



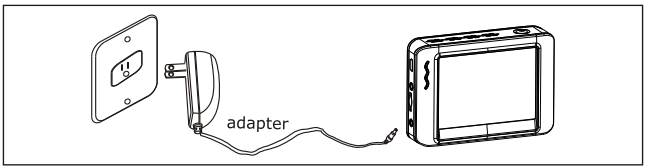
Connect USB Cable (Optional)

Use the USB cable to connect the monitor to a PC. The USB online icon appears on the PC. Open **My Computer**, and find the **Mobile Disk**. the video/picture files on SD card could be copied/cut/playback.



Connect Monitor Power

Connect the adapter to the monitor and plug the adapter into a 110v AC outlet. The power indicator will illuminate red or the battery capacity icon will indicate charging, and will turn off after a full charge.



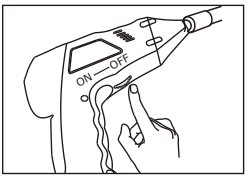
Video Output

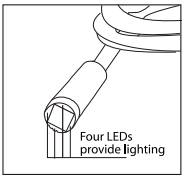
Insert the video cable into the VIDEO OUT socket of monitor. Insert the other end of the cable into the VIDEO IN jack of a TV or another monitor. The LCD Monitor will output a high quality video signal.

OPERATION

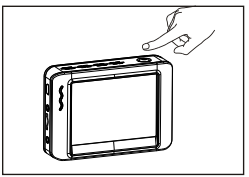
Basic Operation

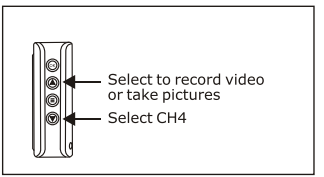
1. Rotate the ON/OFF switch to turn on the camera. The power indicator on top of the grip will illuminate. The intensity of the LEDs that surround the camera on the imager head can be adjusted by rotating the switch.



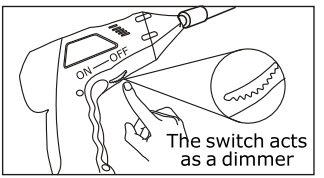


2. Press and hold on the Power ON/OFF button on monitor for 2 seconds , the power indicator will be green, then press ▼ button to select the **CH4(channel 4)** and the picture will display on LCD of monitor and press ▲ button to select recording video or take pictures status:

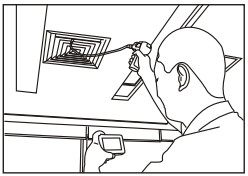




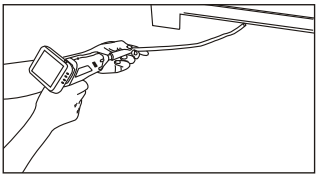
3. Rotate the ON/OFF switch for better image effect.



4. Gently guide the tube into the desired location. Slight adjustments can be made while maneuvering the head in a forward direction.



wireless



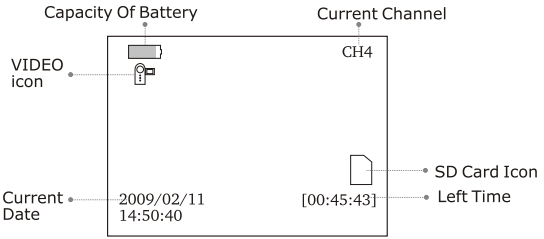
wired

TIP! The flexible tube can be bent to accommodate exploration in a variety of locations.

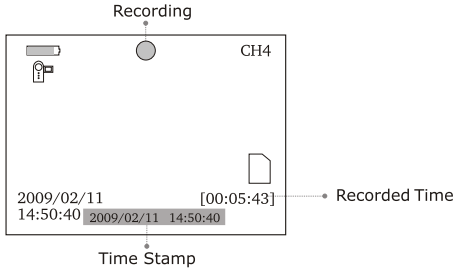
Other Operation and Settings for Monitor

Record Video

1. During operation, press ▲ button to enter VIDEO mode:



2. Press OK button to record:

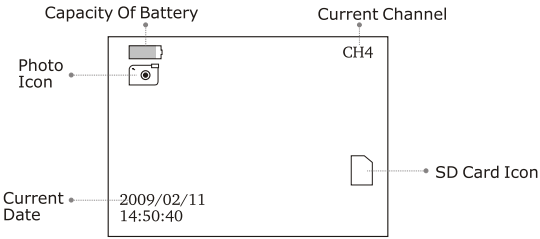


3. Press OK button again to stop recording.

Notice! * The Video will be automatically saved as a file every 30 minutes.
* SD card is full when the SD card icon changes to " F ".

Take Photo

1. During operation, press ▲ button to switch to photo mode:

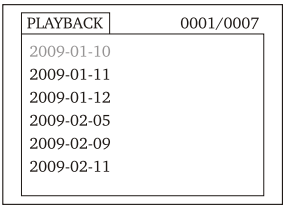


2. Press OK button to take photo.

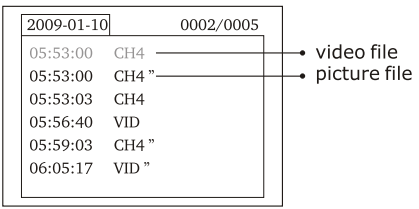
Notice! when the SD card icon changes to " F " the SD card is full

Play Video/Picture

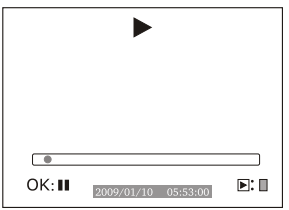
1. During operation, press ☰ button to display:



2. Press ▲ or ▼ button to select folder, then press OK button:



3. *For Video:*
   Press ▲ or ▼ button to select video, then press OK button to play

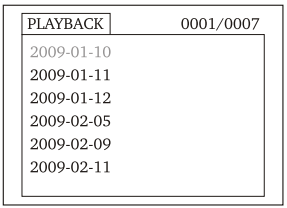


Pause: press OK button in playing status to pause;
press again to resume;
Fast Forward: press ▲ button in playing status;
Fast Backward: press ▼ button in playing status;
Stop/Exit: press ≡ button.

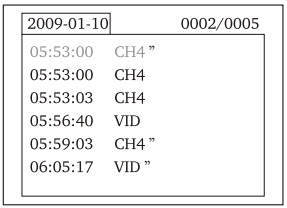
For Picture:
Press ▲ or ▼ button to select picture, then press OK button to display, press OK button again to exit.

Delete Video/Picture

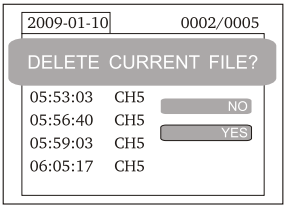
1. During operation, press ≡ button to display:



2. Press ▲ or ▼ button to select folder, then press OK button:



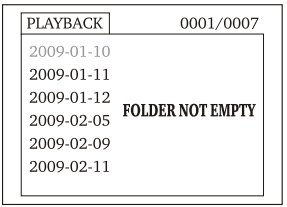
3. Press ▲ or ▼ button to select file, press and hold ≡ button for 2 seconds:



4. Press ▲ or ▼ button to select “YES” , then press OK button to delete selected file; press "NO" to exit.

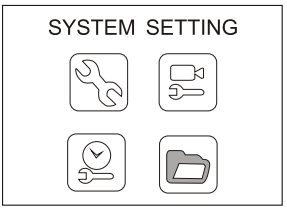
Delete Folder

To delete a folder, follow the same procedures as deleting a file. Make sure the folder is empty, otherwise it will not delete and a warning will appear.



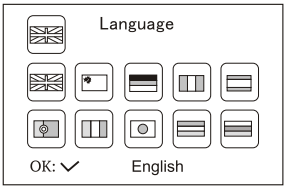
How Enter The Setting Mode

During operation, press and hold ≡ button for about 1-2 seconds to enter into the setting interface:



Language Setting

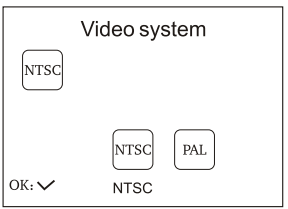
1. In the setting mode, press ▲ or ▼ button to select "SYSTEM SETTING", press OK button to enter;
2. Press ▲ or ▼ button to select "Language", press the OK button:



3. Press ▲ or ▼ button to select a suitable language;
4. Press OK button to confirm and exit.

Video System Setting

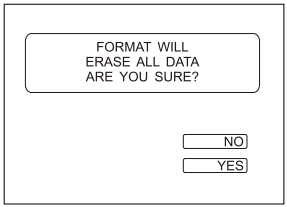
1. In the setting mode, press ▲ or ▼ button to select "SYSTEM SETTING", press OK button to enter;
2. Press ▲ or ▼ button to select "Video System", press OK button:



3. Press ▲ or ▼ button to select right type, press OK button to confirm and exit.

Format

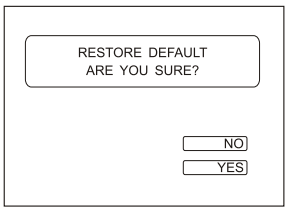
1. In the setting mode，press ▲ or ▼ button to select “SYSTEM SETTING”，press OK button to enter；
2. Press ▲ or ▼ button to select “Format”，press OK button：



3. Press ▲ or ▼ button to select “YES”，then press OK button to erase all data. Press "NO" to exit.

Default Setup

1. In the setting mode，press ▲ or ▼ button to select “SYSTEM SETTING”，press OK button to enter；
2. Press ▲ or ▼ button to select “Default Setup”，press OK button：



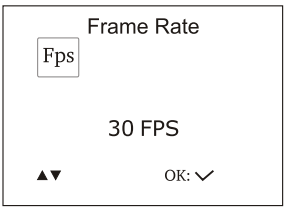
3. Press ▲ or ▼ button to select “YES”, then press OK button to restore default; Press "NO" to exit.

View Version Information

1. In the setting mode ,press ▲ or ▼ button to select “SYSTEM SETTING”, then press OK button to enter;
2. Press ▲ or ▼ button to select “Version”, press OK button to enter and view the version of product.

Frame Rate Setting

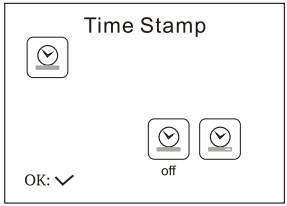
1. In the setting mode，press ▲ or ▼ button to select “RECORDER SETTING”，press OK button to enter；
2. Press ▲ or ▼ button to select “Frame Rate”，press OK button：



3. Press ▲ or ▼ button to select suitable frame rate;
4. Press OK button to confirm and exit.

Time Stamp Setting

1. In the setting mode，press ▲ or ▼ button to select “RECORDER SETTING”，press OK button to enter；
2. Press ▲ or ▼ button to select “Time Stamp”，press OK button：

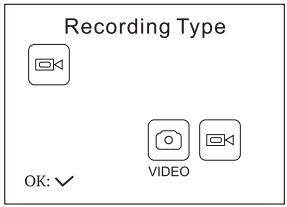


3. Press ▲ or ▼ button to select “Off”，“On”，press OK button to confirm and exit.

Recording Type

1. In the setting mode，press ▲ or ▼ button to select “RECORDER SETTING”，press OK button to enter；
2. Press ▲ or ▼ button to select “Recording Type”，press OK button：

Select “VIDEO” or “STILL”

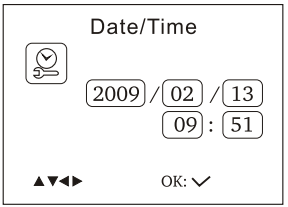


3. Press ▲ or ▼ button to select “STILL”，“VIDEO”， press OK button to confirm and exit.

Notice! when in “STILL” mode, you cannot record video

Date/Time Setting

1. In the setting mode, press ▲ or ▼ button to select “Date/Time”, press OK :



2. Press OK button to select Date or Time;
   press ▲ or ▼ button to modify;
   press ≡ button to confirm and exit.

EVENT PLAYBACK

1. In the setting mode, press ▲ or ▼ button to select “EVENT PLAYBACK”, press OK button to enter;
2. Other operation see “Play Video/Picture”, “Delete Video/Picture”,“Delete Folder” section.

SPECIFICATIONS

camera	Model No.	GB8803
	Imaging Sensor	CMOS
	Total Pixels	640×480 (NTSC)
	Horizontal View Angle	45 degree
	Transmission Frequency	2468MHz
	Minimum Illumination	0 Lux
	Modulation Type	FM
	Bandwidth	18MHz
	Tube Diameter	9mm
	Power Supply	4 AA batteries
	Unobstructed Effective Range	32.8 ft.
	Waterproof Capacity	IP67(only for imager head)
	Dimensions(W×D×H)	7.3 x 5.7 x 1.6 (in.) (Exclude Flexible Tube)
	Weight (Approximately)	0.99 lbs.
monitor	Model No.	GB7307
	LCD Screen Type	3.5″ TFT-LCD
	Effective Pixels	320(R.G.B.) × 240
	Video System	PAL/NTSC
	Transmission Frequency	2414MHz,2432MHz,2450MHz,2468MHz
	Exterior Supply Voltage	$5V_{DC}$
	Consumption Current (Max.)	500mA
	Charge Time	3 hours
	Work Time	2 hours
	Picture/Video Pixels	640 x 480
	Video Size	27M byte/minute
	Frame Rate	30 frame/second
	Video Output Level	$0.9\text{-}1.3V_{P\text{-}P}$@75ohm
	Receiving Sensitivity	⩽-85dBm
	Dimensions(W x D x H)	3.9 x 2.75 x .98 (in.)
	Weight (Approximately)	0.3 lbs.
	Operating Temperature	-10°C~+50°C/+14°F~+122°F
	Operating Humidity	15%~85%RH

* Actual transmission range may vary according to the weather, location, interference and building construction.

* All the specifications are subject to minor change without prior notice.

⚠ CAUTION

- Do not expose the monitor or grip to dripping or splashing liquids.
- Turn off the camera and monitor when not is use.
- Use only the AC adaptor and cable supplied with the unit.
- Remove the batteries when cleaning the unit.
- Remove the batteries before storing the unit for a long time.
- When necessary, REPLACE ALL FOUR BATTERIES in this unit with new ones.
- Use only the size and type of battery specified.
- Be sure to install the batteries with the correct polarity as indicated on the battery compartment.
- Properly dispose of the batteries. Exposure to high temperatures can cause the batteries to explode. Do not dispose of batteries in a fire. When stored, place tape over the terminals to prevent direct contact with other objects. Some countries have regulations concerning battery disposal. Please follow all applicable regulations.

WARRANTY INFORMATION

Consumer Warranty

This Whistler Inspection Camera is warranted to the original purchaser for a period of one year from the date of original purchase against all defects in materials and workmanship. This limited warranty is void if the unit is abused, modified, installed improperly, or if the housing and/or serial numbers have been removed. There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to the above time. Whistler is not liable for damages arising from the use, misuse, or operation of this product. During the warranty period, defective units will be repaired without charge to the purchaser when returned with a dated store receipt to the address below. Units returned without a dated store receipt will be handled as described in section "Service Out of Warranty".

Note: Damage caused by incorrect battery placement or battery leakage is not covered under this warranty.

When returning a unit for service, please follow these instructions:

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt request to: Whistler Repair Dept.
551 N. 13th St.
Rogers, AR 72756

Please allow 3 weeks turnaround time.

Important: Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested. CODs will not be accepted!

2. Include with your unit the following information, clearly printed:
• Your name and street address (for shipping via UPS), a daytime telephone number and an email address, if applicable.
• A detailed description of the problem (e.g., "Cannot adjust brightness on monitor").
• A copy of your dated store receipt or bill of sale.
3. Be certain your unit is returned with its serial number. For reference, please write your unit's serial numbers in the following spaces: Monitor S/N: Grip S/N:
Units without serial numbers are not covered under warranty. Important: To validate that your unit is within the warranty period, make sure you keep a copy of your dated store receipt. You may register your warranty online at www.whistlergroup.com, however, for warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work.

Service Out of Warranty

Units will be repaired at "out of warranty" service rates when:
• The unit's original warranty has expired.
• A dated store receipt is not supplied.
• The unit has been returned without its serial number.
• The unit has been abused, modified, installed improperly, or had its housing removed.

The minimum out of warranty service fee for your Whistler Inspection Camera is $75.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a certified check or money order for $75.00. Payment may also be made by MasterCard, VISA, or American Express; personal checks are not accepted. In the event repairs cannot be covered by the minimum $75.00 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you. If you elect not to have your unit repaired, it will be returned to you along with your certified check or money order.

ACCESSORIES

Call 1-800-531-0004 or visit www.whistlergroup.com for available accessories.

FCC INFORMATION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference,
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: TW5GB8802-GB8803

Note: Changes or modifications not expressly approved by Whistler could void the user's authority to operate the equipment.

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.